

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	US "20040160216"	US-PGPUB; USPAT	AND	ON	2006/03/14 12:32
S2	203	320/140	US-PGPUB; USPAT	AND	ON	2006/03/14 12:41
S3	25	S2 and electrochemical and cell	US-PGPUB; USPAT	AND	ON	2006/03/14 14:06
S5	203	320/140	US-PGPUB; USPAT	AND	ON	2006/03/14 14:07
S6	16	S5 and hydrogen	US-PGPUB; USPAT	AND	ON	2006/03/14 14:14
S7	4	S5 and converter adj module	US-PGPUB; USPAT	AND	ON	2006/03/14 14:17
S8	3	S5 and converter adj module and electrochemical	US-PGPUB; USPAT	AND	ON	2006/03/14 15:46
S9	203	320/140	US-PGPUB; USPAT	AND	ON	2006/03/14 15:52
S10	9	S9 and ((modul\$3 near3 converter) or (converter adj module))	US-PGPUB; USPAT	AND	ON	2006/03/14 17:11
S12	10108	"320"/.ccls.	US-PGPUB; USPAT	AND	ON	2006/03/14 17:11
S13	339	S12 and (electrochemical adj cell)	US-PGPUB; USPAT	AND	ON	2006/03/14 17:12
S14	1	S13 and (modular near3 power near3 converter)	US-PGPUB; USPAT	AND	ON	2006/03/14 17:14
S15	3	S13 and ((power near3 converter near3 module) or (interchangeable near3 converter) or (interchangeable near3 power near3 converter))	US-PGPUB; USPAT	AND	ON	2006/03/14 17:19
S16	81	Proton adj Energy adj Systems	US-PGPUB; USPAT	AND	ON	2006/03/14 17:19
S17	17	S16 and Speranza	US-PGPUB; USPAT	AND	ON	2006/03/14 17:20
S18	22	("20020058175"   "20020109410"   "20020117899"   "20020140293"   "20030072977"   "20030113595"   "4100051"   "4341607"   "5334463"   "5810284"   "5942811"   "5994793"   "6011324"   "6134124"   "6163088"   "6184593"   "6288456"   "6459231"   "6465910"   "6555989"   "6611068"   "6628011").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/14 18:15

## EAST Search History

S19	680	(modular near3 converter) or plurality near3 (converter near3 module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 18:17
S21	182	S19 and (electrochemical adj cell or battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 18:18
S22	37	("3596165"   "4293904"   "4443840"   "4459492"   "4533986"   "4648017"   "4761722"   "4841220"   "4853832"   "4855888"   "4860184"   "4931716"   "5006782"   "5063338"   "5179512"   "5274539"   "5434770"   "5436550"   "5448467"   "5491388"   "5514921"   "5530635"   "5594635"   "5615093"   "5631813"   "5768117"   "5991171"   "5999417"   "6069811"   "6154381"   "6198642"   "6222742"   "6310792"   "6330169"   "6381150"   "6583999"   "6650556").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/14 19:34
S23	7	("5530635"   "5768117"   "5803215"   "5821755"   "5875104"   "5883797"   "5923549").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/14 19:47
S24	19	("4092712"   "4833341"   "4947102"   "4994953"   "5045771"   "5253155"   "5267136"   "5272612"   "5278490"   "5414341"   "5438505"   "5512815"   "5530635"   "5583753"   "5592076"   "5610507"   "5627459"   "5659208"   "5705919").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/14 19:49
S25	5	("4639834"   "5245527"   "6477965"   "6493227"   "6754066").PN. OR ("6867970").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 10:47

## EAST Search History

S26	30	("3621365"   "3653969"   "4104539"   "4384213"   "4441032"   "4472641"   "4670702"   "4677037"   "4839574"   "5156928"   "5290641"   "5360679"   "5462815"   "5625546"   "5637414"   "5642275"   "5646459"   "5712052"   "5725964"   "5853910"   "5858568"   "5885727"   "5945232"   "6030718"   "6218035"   "6219623").PN. OR ("6503649"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 11:31
S27	7	("5530635"   "5768117"   "5803215"   "5821755"   "5875104"   "5883797"   "5923549").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 12:31
S28	14	("5530635"   "5768117"   "5803215"   "5821755"   "5875104"   "5883797"   "5923549").PN. OR ("6154381").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 12:31
S29	18	("3317809"   "3696286"   "3790816"   "3816804"   "4143282"   "4257090"   "4347474"   "4766364"   "4860188"   "4877972"   "4924170"   "4947310"   "5138249"   "5193054"   "5233287"   "5319536"   "5359280").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 14:21
S30	35	("3317809"   "3696286"   "3790816"   "3816804"   "4143282"   "4257090"   "4347474"   "4766364"   "4860188"   "4877972"   "4924170"   "4947310"   "5138249"   "5193054"   "5233287"   "5319536"   "5359280").PN. OR ("5602464").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 16:08
S31	917	429/22	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 16:08
S32	600	429/23	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 16:08
S33	950	S31 or S32 and (dc\$1dc near2 converter)	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 16:09
S34	639	S33 and (converter adj module or unit)	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 16:11
S35	44	S34 and (power near2 electronics)	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/15 16:11

## EAST Search History

S36	22	(US-20040223301-\$ or US-20040160216-\$ or US-20030214824-\$ or US-20030036806-\$).did. or (US-6353310-\$ or US-6650556-\$ or US-6154381-\$ or US-5883797-\$ or US-5530635-\$ or US-5875104-\$ or US-5768117-\$ or US-6828755-\$ or US-6503649-\$ or US-7006898-\$ or US-6858335-\$ or US-5642275-\$ or US-4472641-\$ or US-6166934-\$ or US-6023148-\$ or US-5673173-\$ or US-5602464-\$ or US-5319536-\$). did.	US-PGPUB; USPAT	AND	ON	2006/03/15 16:23
S37	22	S36 and (module or unit)	US-PGPUB; USPAT	AND	ON	2006/03/15 16:23
S39	3	S36 and (interchangeable or replaceable near3 (module or unit))	US-PGPUB; USPAT	AND	ON	2006/03/15 16:44
S40	22	(interchangeable or replaceable near3 (module or unit)) near3 ((power adj3 electronics) or (dc\$1dc adj converter) or power adj converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/15 17:52
S41	5	"6503649"	US-PGPUB; USPAT	AND	ON	2006/03/20 11:06
S42	1	"6503649".pn.	US-PGPUB; USPAT	AND	ON	2006/03/20 11:59
S43	203	320/140	US-PGPUB; USPAT	AND	ON	2006/03/20 11:59
S44	0	S43 and (modular adj dc\$1dc converter)	US-PGPUB; USPAT	AND	ON	2006/03/20 11:59
S45	34	(modular dc\$1dc converter)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:38
S46	16	S45 and (transformer and rectifier)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:00
S47	16	S46 and (chop or chopping or switched)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:00
S48	0	(modular dc\$1ac\$1dc converter)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:40
S49	0	(modular dc ac dc converter)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:40
S50	0	(modular dc ac dc converter)	US-PGPUB; USPAT	NEAR	ON	2006/03/20 12:41
S51	4858	(dc ac dc converter)	US-PGPUB; USPAT	NEAR	ON	2006/03/20 12:41

## EAST Search History

S52	91	(dc ac dc converter)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:41
S53	36	S52 and (transformer and rectifier)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:44
S54	28	S53 and (chop\$4 or switched or switching)	US-PGPUB; USPAT	ADJ	ON	2006/03/20 12:44